



Attorney Docket No. Z0083/7006 GSE

## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### **MATERIAL SYSTEMS AND METHODS OF THREE-DIMENSIONAL PRINTING**

the specification of which was filed on November 3, 2000, as U.S. Application No. 09/706,350, and bearing attorney docket No. Z0083/7006.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or section 365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign PCT International Application(s) and any priority claims under 35 U.S.C. §§119 and 365(a),(b):

			Priority Claimed
_____	_____	_____	[ ] [ ]
(Number)	(Country-if PCT, so indicate)	(DD/MM/YY Filed)	YES NO

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

60/164,000	11/05/99
(Application Number)	(filing date)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this

application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application No.)	(filing date)	(status-patented, pending, abandoned)
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PCT International Applications designating the United States:

(PCT Appl. No.)	(U.S. Ser. No.)	(PCT filing date)	(status-patented,pending,abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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Edward R. Gates	31,616	Daniel P. McLoughlin	46,066	Michael G. Verga	39,410
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are

punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



3/23/01  
Date

**Inventor's signature**

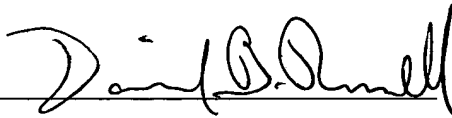
Full name of first or joint inventor: James F. Bredt  
Citizenship: US  
Residence & PO Address: 73 Templeton Pkwy.  
Watertown, MA 02172



4-3-01  
Date

**Inventor's signature**

Full name of second inventor: Timothy C. Anderson  
Citizenship: US  
Residence & PO Address: 155 Webster Ave. #3  
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3/26/01  
Date

**Inventor's signature**

Full name of third joint inventor: David B. Russell  
Citizenship: US  
Residence & PO Address: 12 Winchester St.  
Southboro, MA 01772



3/26/01  
Date

**Inventor's signature**

Full name of fourth inventor: Sarah L. Clark  
Citizenship: US  
Residence & PO Address: 9 Magazine St. #D1  
Cambridge, MA 02139



Attorney's Docket No. Z0083/7006 GSE

Applicant: James F. Bredt et al.  
Serial No: 09/706,350  
Filed: November 3, 2000  
For: MATERIAL SYSTEMS AND METHODS OF THREE-DIMENSIONAL  
PRINTING

**DECLARATION CLAIMING SMALL ENTITY STATUS  
(SMALL BUSINESS CONCERN)**

I hereby declare that I am

- ☐ the owner of the small business concern identified below:  
☒ an official of the small business concern empowered to act on behalf of the concern  
identified below:

NAME OF CONCERN: Z Corporation  
ADDRESS OF CONCERN: 20 North Avenue, Burlington, MA

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled MATERIAL SYSTEMS AND METHODS OF THREE-DIMENSIONAL PRINTING by inventor(s), James F. Bredt et al., described in

- ☐ the specification filed herewith  
☒ application serial no. 09/706,350, filed November 3, 2000.  
☐ patent no. \_\_\_\_\_, issued \_\_\_\_\_.

If the rights held by the small business concern are not exclusive, each individual concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other

than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

- ☐ no such person, concern, or organization  
☐ persons, concerns or organizations listed below\*

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME

ADDRESS

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

TITLE OF PERSON IF OTHER THAN OWNER:

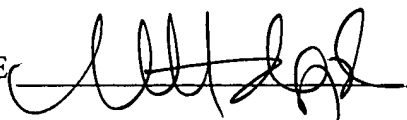
ADDRESS OF PERSON SIGNING:

Marina I. Hatsopoulos

~~President~~ CEO

20 North Avenue, Burlington, MA

SIGNATURE



DATE

4/3/01